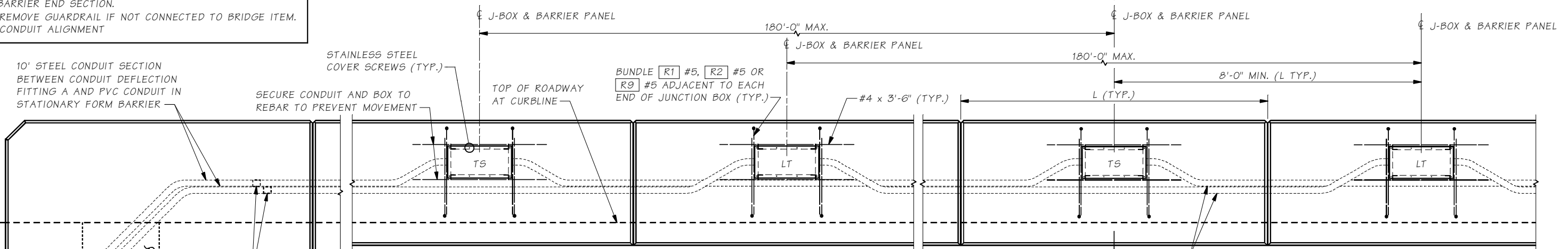


NOTE TO DESIGNERS

- MODIFY THE FOLLOWING TO MATCH PROJECT REQUIREMENTS:
1. BARRIER END SECTION.
 2. REMOVE GUARDRAIL IF NOT CONNECTED TO BRIDGE ITEM.
 3. CONDUIT ALIGNMENT

JUNCTION BOX SIZED PER ELECTRICAL PLANS. LABEL JUNCTION BOX LIDS AS SHOWN (TYP.)

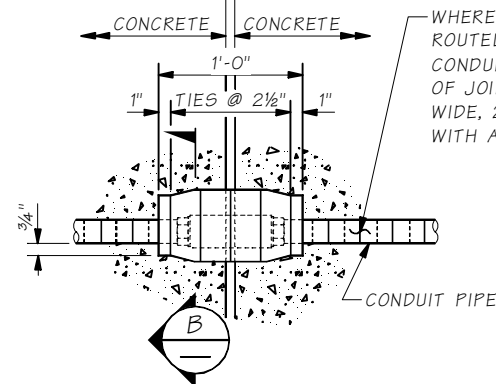
TYPICAL AT END OF MODIFIED TRAFFIC BARRIER END SECTION WHERE THRIE BEAM END SECTION "DESIGN F" STD. PLAN C-7a OR GUARDRAIL END SECTION "DESIGN D OR F" STD. PLAN C-5 IS USED



ELEVATION - CONDUITS & J-BOX IN TRAFFIC BARRIER

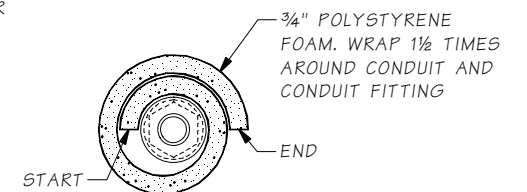
LABEL JUNCTION BOX COVER IN ACCORDANCE WITH STANDARD SPECIFICATION 9-29.2(4) AND SPECIAL PROVISIONS. ADJACENT JUNCTION BOXES ARE SHOWN CENTERED BETWEEN ADJACENT DUMMY JOINTS. IF THE DISTANCE BETWEEN ADJACENT DUMMY JOINTS IS 16'-0" OR GREATER, PLACE ADJACENT JUNCTION BOXES SYMMETRICALLY ON EITHER SIDE OF THE CENTER OF ONE DUMMY PANEL WHILE MAINTAINING 8'-0" MINIMUM BETWEEN CENTER LINES OF THE JUNCTION BOXES.

1/8" PREMOLDED JOINT FILLER
SEE STANDARD PLANS

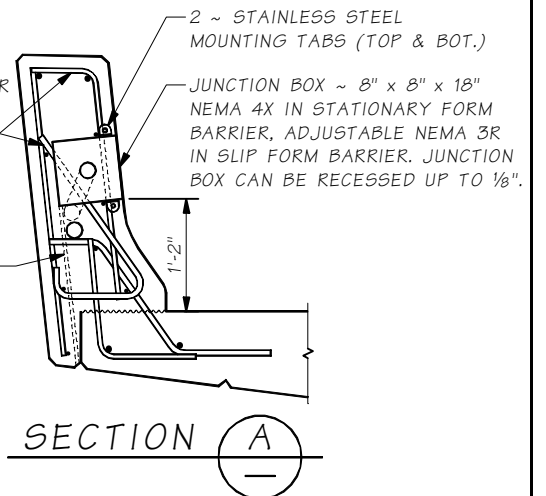


CONDUIT DEFLECTION FITTING B

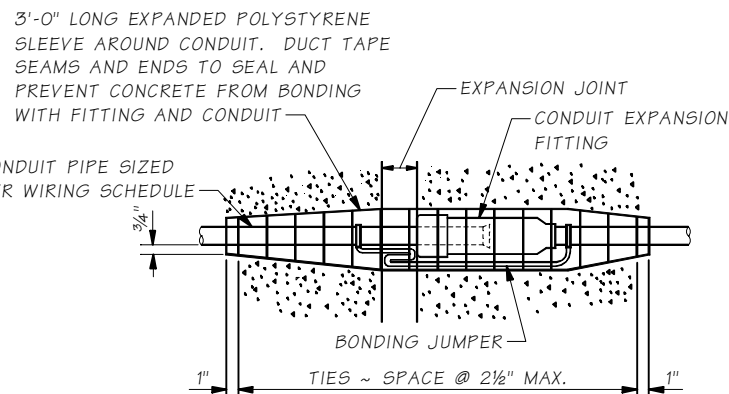
CONDUIT FITTING - TYPE DX FOR DEFLECTION OF 30° AND 3/4" MOVEMENT. CONDUIT PIPES PLACED THROUGH RETAINING WALL TRAFFIC BARRIER SHALL BE FITTED WITH DEFLECTION FITTINGS AT A MAXIMUM SPACING OF 120'. THE DEFLECTION FITTINGS SHALL BE PLACED AT THE TRAFFIC BARRIER OPEN JOINT THAT COINCIDES WITH THE RETAINING WALL STEM EXPANSION JOINT NEAREST TO THE TRANSVERSE CONSTRUCTION JOINT IN THE WALL FOOTING.



SECTION B



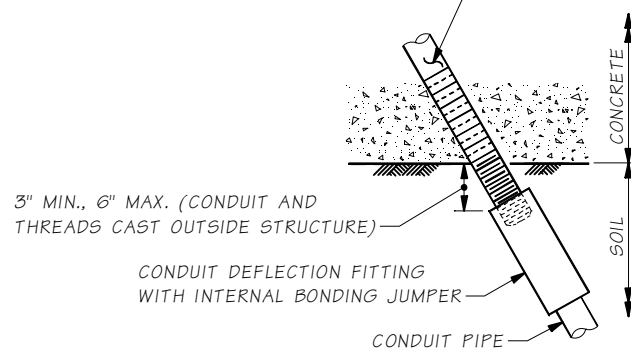
SECTION A



CONDUIT EXPANSION FITTING

CONDUIT FITTING - (TYPE AX FOR MOVEMENT OF ± 2") AT BRIDGE EXPANSION JOINTS

WHERE CONDUIT IN A STRUCTURE IS ROUTED ACROSS A JOINT, WRAP STEEL CONDUIT PIPE FOR 1'-0" ON EACH SIDE OF JOINT. PIPE WRAP TAPE SHALL BE 2" WIDE, 20 MIL THICK, AND INSTALLED WITH A MINIMUM OF 1" OVERLAP



CONDUIT DEFLECTION FITTING A

CONDUIT FITTING - TYPE DX FOR DEFLECTION OF 30° AND 3/4" MOVEMENT. PLACE AT CONDUIT PIPE EXIT FROM STRUCTURE

Bridge Design Engr.	M:\STANDARDS\Traffic Barriers\Shape F\SHAPE F BARRIER SHT 3.man	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Tue May 08 08:54:33 2012

BRIDGE
AND
STRUCTURES
OFFICE



Washington State
Department of Transportation

STANDARD
TRAFFIC BARRIERS

TRAFFIC BARRIER - SHAPE F
DETAIL 3 OF 3

BRIDGE
SHEET NO.
SHEET
OF
SHEETS

SR JOB NO. SHEET

10.2-A1-3